

Work Order ID 86993

86993

Page 1

July-09-12 8:10:43 AM

Item ID: D206-642-313 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Skidtube LH
 Start Date: 7/09/12 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 7/16/12 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: ✓ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr								
IIN-D206-642	O								
100	DOCUMENT CONTROL	0.00							
100									
DC	Memo	0.00							
Document Control	Photocopy bluefile and create labels per PPP D206-642-313 CHG001								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

B87032LH

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 86993

86993

Page 2

July-09-12 8:10:43 AM

Item ID: D206-642-313

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Skidtube LH

Start Date: 7/09/12 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 7/16/12 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D206-642-313								
	Location: _____								
	PPP Rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

SHIP

12/12/20

12/7/23

W1207.20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-09-12 8:10:43 AM

Page 1

Work Order ID: 86993

Parent Item: D206-642-313

Parent Item Name: Skidtube LH

Start Date: 7/09/12

Required Date: 7/16/12

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 11.11.18 NEW ISSUE DD VERF:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D206-642-351 Replacement Skidtube		Manufactured	No			110	Each	0.0000	0	1	87032		
D206-648-013 GHW Modification		Manufactured	No			110	Each	6.0000	0	1	✓ JB		

Location Loc Qty Loc Code

FG	1	
83363	1	
FG120	1	
65455	0	
66633	0	
83040	1	
FG125	4	
83040	2	
85502	2	

D2932-1
Saddle LH Out, 206

Manufactured No 110 Each 13.0000

Location Loc Qty Loc Code

ST421	5	
81801	5	
ST428	8	
81620	2	
83413	6	

D2933-1
Saddle LH In, 206

Manufactured No 110 Each 10.0000

Location Loc Qty Loc Code

ST421	5	
81803	5	
ST428	5	
81621	5	

81621

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-09-12 8:10:43 AM

Page 2

Work Order ID: 86993

Parent Item: D206-642-313

Parent Item Name: Skidtube LH

Start Date: 7/09/12

Required Date: 7/16/12

Start Qty: 1.00

Required Qty: 1.00

D2938-1
Saddle LH Out, 206

Manufactured No

110 Each 13.0000

1 1

✓ go h

Location

Loc Qty

Loc Code

ST421

5

81805

5

ST426

3

82133

3

82133

ST428A

5

83415

5

Manufactured No

110 Each 13.0000

1 1

✓ go h

Location

Loc Qty

Loc Code

ST421

5

81807

5

ST428A

2

82132

2

82132

ST429

6

Purchased No

110 Each 313.0000

8 8

✓ go h

Location

Loc Qty

Loc Code

ST354

313

121162

113

121243

200

121162

AN3-41A
Bolt

Manufactured No

110 Each 195.0000

16 16

83252 16 12/07/20

Location

Loc Qty

Loc Code

FG

44

31985

44

ST013

151

73836

36

81951

61

83744

54

D2652
Bushings

July-09-12 8:10:43 AM

Shop Packet Print

Page 2

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-09-12 8:10:43 AM

Page 3

Work Order ID: 86993
Parent Item: D206-642-313
Parent Item Name: Skidtube LH

Start Date: 7/09/12

Required Date: 7/16/12

Start Qty: 1.00

Required Qty: 1.00

MS21042153 Purchased No

110 Each 3,318.0000

8

8

Nut

Location

Loc Qty

Loc Code

ST300

1318

117885

32

119017

771

119075

138

121444

377

ST317

2000

122141

2000

AN960JD10

NAS1149D0363J

Purchased

No

110

Each

0.0000

8

8

Washer

AN5-10A

Purchased

No

110

Each

473.0000

4

4

Bolt

Location

Loc Qty

Loc Code

ST337

473

118191

80

121243

100

122151

293

AN5-12A

Purchased

No

110

Each

45.0000

3

4

Bolt

Location

Loc Qty

Loc Code

ST338

45

121181

45

AN5-11A

Purchased

No

110

Each

416.0000

8

8

Bolt

Location

Loc Qty

Loc Code

ST337

416

118191

13

119512

403

July-09-12 8:10:43 AM

Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-09-12 8:10:43 AM

Page 4

Work Order ID: 86993

Parent Item: D206-642-313

Parent Item Name: Skidtube LH

Start Date: 7/09/12

Required Date: 7/16/12

Start Qty: 1.00

Required Qty: 1.00

AN960JD516
Washer

NAS1149D0563J

Purchased

No

110

Each

12.0000

8

1.19546 8

✓

JB

h

Location

Loc Qty

Loc Code

ST338

12

2612

12

AN4-6A
Bolt

Purchased

No

110

Each

1,375.0000

12

12

✓

JB

h

Location

Loc Qty

Loc Code

ST356

1375

119017

375

121243

500

122151

500

119017

AN960JD416
Washer

NAS1149D0463J

Purchased

No

110

Each

29.0000

24

122441

24

✓

JB

h

Location

Loc Qty

Loc Code

ST351

29

116289

8

119097

21

MS21042L4
Nut

Purchased

No

110

Each

1,401.0000

12

12

✓

JB

12/07/20

h

Location

Loc Qty

Loc Code

ST300

1401

119075

116

121011

193

121444

792

121652

300

121444

July-09-12 8:10:43 AM

Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-09-12 8:10:43 AM

Page 5

Work Order ID: 86993
Parent Item: D206-642-313
Parent Item Name: Skidtube LH

Start Date: 7/09/12

Required Date: 7/16/12

Start Qty: 1.00

Required Qty: 1.00

D3407-043
Tow Ring

Manufactured No 110 Each 4.0000

0 86919 1 JB

Location	Loc Qty	Loc Code
ST420	1	
79232	1	
ST463	3	
68339	2	
78841	1	

D3456-1
Washer

Manufactured No 110 Each 215.0000

0 1 JB

Location	Loc Qty	Loc Code
FG	7	
25701	7	
ST044	208	
80252	1	
81876	15	
83584	92	
85223	100	

83584

D3457-1
Washer

Manufactured No 110 Each 69.0000

2 2 JB 12/07/20

Location	Loc Qty	Loc Code
FG	10	
32409	10	
ST044	59	
67779	1	
81977	6	
83268	12	
85422	40	

83268

July-09-12 8:10:43 AM

Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-09-12 8:10:43 AM

Page 6

Work Order ID: 86993

Parent Item: D206-642-313

Parent Item Name: Skidtube LH

Start Date: 7/09/12

Required Date: 7/16/12

Start Qty: 1.00

Required Qty: 1.00

MS21043-4
Nut

Purchased No

110 Each 1,827.0000

0

1

JB

h

Location

Loc Qty

Loc Code

FG	40
104603	40
ST301	787
119546	4
121162	295
121652	488
ST318	1000
122141	1000

121162

AN4GSA
BOLT

Purchased No

110 Each 172.0000

0

1

JB

h

Location

Loc Qty

Loc Code

ST355	172
112243	135
119017	37

119017

AN960C416
washer
D3413-1
Ring

NAS1149C0463R

Purchased No

110 Each 0.0000

0

1

JB

h

Manufactured No

110 Each 46.0000

0

1

JB

12/07/20

h

Location

Loc Qty

Loc Code

ST420	4
79233	4
ST464	42
80224	4
83307	18
83867	20

83307

July-09-12 8:10:43 AM

Shop Packet Print

Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-09-12 8:10:43 AM

Page 7

Work Order ID: 86993

Parent Item: D206-642-313

Parent Item Name: Skidtube LH

Start Date: 7/09/12

Required Date: 7/16/12

Start Qty: 1.00

Required Qty: 1.00

D2712

Set Screw

Manufactured No

110 Each 631.0000

10

10

Location

Loc Qty

Loc Code

FG	50	
29962	50	
ST017	581	
81871	81	81871
83559	250	
84433	250	

D2934

Saddle Spacer

Manufactured No

110 Each 77.0000

2

2

Location

Loc Qty

Loc Code

FG	4	
31929	4	
ST021	40	
82014	40	
ST031	33	82014
85447	33	

D2935

Saddle Spacer

Manufactured No

110 Each 78.0000

2

2

Location

Loc Qty

Loc Code

FG	6	
31793	6	
ST021	36	
78807	6	78807
82013	30	
ST031	36	
85448	36	

July-09-12 8:10:43 AM

Shop Packet Print

Page 7

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

4.5 206 L/L-1/L-3/L-4/407 LOW & HIGH GEAR SKIDTUBES

ITEM	QTY -311	QTY -312	QTY -313	QTY -314	QTY -341	QTY -347	QTY -349	QTY -351	QTY -013	PART NUMBER	DESCRIPTION
	X									D206-642-311	SKIDTUBE INSTALLATION, LH
		X								D206-642-312	SKIDTUBE INSTALLATION, RH
			X							D206-642-313	SKIDTUBE INSTALLATION, LH
				X						D206-642-314	SKIDTUBE INSTALLATION, RH
	1	1			X					D206-642-341	SKIDTUBE
						X				D206-642-347	WEARSHOE KIT (REPLACES -343)
							X			D206-642-349	RUN-ON LANDING WEARPLATE KIT
			1	1				X		D206-642-351	SKIDTUBE
	1	1	1	1					X	D206-648-013	GROUND HANDLING KIT
1					1					D2650-5	SKIDTUBE ASSEMBLY
1								1		D4361-041	SKIDTUBE ASSEMBLY
2A					14			4		D2651-1	* PLUG ⁽¹⁾
2B					14			4		D2651-3	* O-RING ⁽¹⁾
3					1			1		D2646	* AFT CAP ⁽¹⁾
4					2			2		MS27039-1-08	* SCREW ⁽¹⁾
5					2			2		NAS1149D0332J	* WASHER ⁽¹⁾ (OR AN960JD10L)
6	1		1							D2932-1	SADDLE, FWD OUT, LH
6		1		1						D2932-2	SADDLE, FWD OUT, RH
7	1		1							D2933-1	SADDLE, FWD IN, LH
7		1		1						D2933-2	SADDLE, FWD IN, RH
8	1		1							D2938-1	SADDLE, AFT OUT, LH
8		1		1						D2938-2	SADDLE, AFT OUT, RH
9	1		1							D2939-1	SADDLE, AFT IN, LH
9		1		1						D2939-2	SADDLE, AFT IN, RH
10	8	8	8	8						AN3-41A	BOLT
11	16	16	16	16						D2652	BUSHING
12A	8	8	8	8						MS21042-3	NUT (OR MS21042L3)
12B	8	8	8	8						NAS1149D0363J	WASHER (OR AN960JD10)
13	4	4	4	4						AN5-10A (OR AN5-11A)	* BOLT ⁽²⁾
14	4	4	4	4						AN5-11A (OR AN5-12A)	* BOLT ⁽²⁾
15	8	8	8	8						NAS1149D0563J	WASHER (OR AN960JD516)
16	12	12	12	12						AN4-6A	BOLT
17	24	24	24	24						NAS1149D0463J	WASHER (OR AN960JD416)
18	12	12	12	12						MS21042-4	NUT (OR MS21042L4)
20A					6	6				D3537-1	WEARPAD (REPLACES D2648-3)
21A					1	1				D3537-3	WEARPAD (REPLACES D3429-1)
22A					1	1				D3535-11	WEARSHOE (REPLACES D2656-11)
22B					1	1				D3536-11	GASKET
23A					1	1				D3535-23	WEARSHOE (REPLACES D2656-23)
23B					1	1				D3536-23	GASKET
24A					1	1				D3535-35	WEARSHOE (REPLACES D2656-35)
24B					1	1				D3536-35	GASKET
26A					54	54				MS27039C1-08	SCREW
26B					54	54				NAS1149C0332R	WASHER (OR AN960C10L)
26C					54					ALS7-1032-130	* INSERT ⁽¹⁾ (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
30	1	1	1	1						D3407-043	TOW RING ASSEMBLY (REPLACES D2968-043)
31	1	1	1	1						D3456-1	WASHER
32	1	1	1	1						D3457-1	WASHER
33	1	1	1	1						MS21043-4	NUT
34	1	1	1	1						AN4C5A	BOLT
35	1	1	1	1						NAS1149C0463R	WASHER (OR AN960C416)
36	1	1	1	1						D3413-1	RING (REPLACES D2655)
37	10	10	10	10						D2712	SET SCREW
38	2	2	2	2						D2934	SADDLE SPACER
39	2	2	2	2						D2935	SADDLE SPACER
40									2	D3414-041	GHW LUG (REPLACES D2659)
41									4	AN3C37A	BOLT
42									8	D2652	BUSHING
43									4	MS21043-3	NUT
44									4	NAS1149C0363R	WASHER (OR AN960C10)

* COPYRIGHT © 2000 BY DART AEROSPACE USA, INC *

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC

Revision: 0

Date: 11.06.15

DART AEROSPACE USA, INC.

IIN-D206-642

Page 30 of 43

ITEM	QTY -311	QTY -312	QTY -313	QTY -314	QTY -341	QTY -347	QTY -349	QTY -351	QTY -013	PART NUMBER	DESCRIPTION
50							1	1		D4364-041	FWD WEARPLATE ASSY
51							1	1		D4364-043	AFT WEARPLATE ASSY
52							18	18		D3873-1	BUSHING
53							4			D2649	SPACER
54A							9	9		AN3-36A	BOLT
54B							9	9		NAS1149C0332R	WASHER (OR AN960C10L)
54C							9	9		MS21042-3	NUT

NOTES: (1) DENOTES THAT PART IS INCLUDED WITH D2650-5 OR D4361-041 ASSEMBLY ABOVE
(2) CHOICE OF BOLT WILL DEPEND ON CROSSTUBE (SEE INSTALLATION PROCEDURE)

• COPYRIGHT © 2000 BY DART AEROSPACE USA, INC. •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Revision: 0
Date: 11.06.15